

| L Number | Hits | Search Text   | DB  | Time stamp          |
|----------|------|---|---|---------------------|
| 21       | 2    | ((708/400-409.ccls. and (butterfly or butterflyed)) and (cycle\$1 or clock\$1)) and vinitzky.in.  | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | 2004/11/02<br>16:42 |
| 20       | 191  | (708/400-409.ccls. and (butterfly or butterflyed)) and (cycle\$1 or clock\$1)   | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | 2004/11/02<br>16:42 |
| 22       | 4    | ("4275452"   "4689762"   "4787055"   "5371696").PN.   | USPAT   | 2004/11/02<br>16:42 |
| 23       | 44   | ((((cycle\$1 or clock\$1 or period\$1).ti. or (cycle\$1 or clock\$1 or period\$1).clm. or (cycle\$1 or clock\$1 or period\$1).ab.) and 708/404.ccls.) and ((real or re) and (imaginary or img) or butterfl\$4)) not (((two or "2") near\$5 (cycle\$1 or clock\$1 or period\$1)) and (((cycle\$1 or clock\$1 or period\$1).ti. or (cycle\$1 or clock\$1 or period\$1).clm. or (cycle\$1 or clock\$1 or period\$1).ab.) and (((cycle\$1 or clock\$1 or period\$1) and (708/400-409.ccls. or 708/233.ccls.)) and (real or re) and (imaginary or img)) and butterfl\$4)) and vinitzky.in.))) and round\$3)  | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | 2004/11/02<br>16:43 |
| 24       | 2    | ((((cycle\$1 or clock\$1 or period\$1).ti. or (cycle\$1 or clock\$1 or period\$1).clm. or (cycle\$1 or clock\$1 or period\$1).ab.) and (((cycle\$1 or clock\$1 or period\$1) and (708/400-409.ccls. or 708/233.ccls.)) and (real or re) and (imaginary or img)) and butterfl\$4)) and vinitzky.in.  | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | 2004/11/02<br>16:43 |
| 25       | 60   | ((708/400-409.ccls. and (butterfly or butterflyed)) and (cycle\$1 or clock\$1)) and round\$3  | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | 2004/11/02<br>16:43 |
| 26       | 11   | ((((two or "2") near\$5 (cycle\$1 or clock\$1 or period\$1)) and (((cycle\$1 or clock\$1 or period\$1).ti. or (cycle\$1 or clock\$1 or period\$1).clm. or (cycle\$1 or clock\$1 or period\$1).ab.) and (((cycle\$1 or clock\$1 or period\$1) and (708/400-409.ccls. or 708/233.ccls.)) and (real or re) and (imaginary or img)) and butterfl\$4)) not (((cycle\$1 or clock\$1 or period\$1).ti. or (cycle\$1 or clock\$1 or period\$1).clm. or (cycle\$1 or clock\$1 or period\$1).ab.) and (((cycle\$1 or clock\$1 or period\$1) and (708/400-409.ccls. or 708/233.ccls.)) and (real or re) and (imaginary or img)) and butterfl\$4)) and vinitzky.in.))) and round\$3 | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | 2004/11/02<br>16:44 |
| -        | 2    | 6625630.pn.   | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | 2004/08/31<br>17:12 |

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|---|------|---|---|---------------------|
| - | 1536 | ((tan.xp. and mai.xp.) or (tan.xa. and mai.xa.)) and 708/\$.ccls.   | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | 2004/07/14<br>15:56 |
| - | 1602 | ((tan.xp. and mai.xp.) or (tan.xa. and mai.xa.))  | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | 2004/07/14<br>15:56 |
| - | 633  | ((chuong.xp. and ngo.xp.) or (chuong.xa. and ngo.xa.))  | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | 2004/07/14<br>15:58 |
| - | 617  | ((chuong.xp. and ngo.xp.) or (chuong.xa. and ngo.xa.)) and 708/\$.ccls.   | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | 2004/07/14<br>15:59 |
| - | 572  | ((((chuong.xp. and ngo.xp.) or (chuong.xa. and ngo.xa.)) and 708/\$.ccls.) not chat.xa.   | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | 2004/07/14<br>15:59 |
| - | 931  | 708/400-409.ccls.   | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | 2004/07/20<br>12:46 |
| - | 288  | 708/400-409.ccls. and (butterfly or butterflyed)  | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | 2004/07/20<br>12:46 |
| - | 2    | ((708/400-409.ccls. and (butterfly or butterflyed)) and (cycle\$1 or clock\$1)) and vinitzky.in.  | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | 2004/11/02<br>16:42 |
| - | 60   | ((708/400-409.ccls. and (butterfly or butterflyed)) and (cycle\$1 or clock\$1)) and round\$3  | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | 2004/11/02<br>16:43 |
| - | 39   | ((((708/400-409.ccls. and (butterfly or butterflyed)) and (cycle\$1 or clock\$1)) and round\$3) and real and imaginary  | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | 2004/07/20<br>12:47 |
| - | 0    | 20030088601.URPN.   | USPAT   | 2004/07/20<br>13:12 |
| - | 2    | 6463451.URPN.   | USPAT   | 2004/07/20<br>13:12 |
| - | 11   | ("4811267"   "5175702"   "5179531"   "5260897"   "5301137"   "5442580"   "5522085"   "5941940"   "5987490"   "6014683"   "6138136").PN.                         | USPAT   | 2004/08/31<br>17:12 |
| - | 0    | 6366937.URPN.   | USPAT   | 2004/07/20<br>13:18 |
| - | 4    | ("4275452"   "4689762"   "4787055"   "5371696").PN.   | USPAT   | 2004/11/02<br>16:42 |
| - | 4    | ("4275452"   "4689762"   "4787055"   "5371696").PN.   | USPAT   | 2004/07/20<br>13:18 |
| - | 8    | 5991787.URPN.   | USPAT   | 2004/07/20<br>13:19 |
| - | 13   | ("4689762"   "4768159"   "4970674"   "5029079"   "5163017"   "5233551"   "5313413"   "5371696"   "5428567"   "5473556"   "5491652"   "5633817"   "5835392").PN. | USPAT   | 2004/08/31<br>17:12 |

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| - | 15       | 5042000.URPN.   | USPAT   | 2004/07/20<br>13:23 |
| - | 6        | ("4438488"   "4622632"   "4745546"  <br>"4760549"   "4787055"   "4825359").PN.  | USPAT   | 2004/07/20<br>13:23 |
| - | 2        | 708/400-409.ccls. and 708/233.ccls.   | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | 2004/08/04<br>11:35 |
| - | 961      | 708/400-409.ccls. or 708/233.ccls.  | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | 2004/08/04<br>11:35 |
| - | 657      | (cycle\$1 or clock\$1 or period\$1) and<br>(708/400-409.ccls. or 708/233.ccls.)   | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | 2004/08/04<br>13:53 |
| - | 240      | ((cycle\$1 or clock\$1 or period\$1) and<br>(708/400-409.ccls. or 708/233.ccls.)) and<br>(real or re) and (imaginary or img)  | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | 2004/08/04<br>13:53 |
| - | 107      | ((cycle\$1 or clock\$1 or period\$1) and<br>(708/400-409.ccls. or 708/233.ccls.)) and<br>(real or re) and (imaginary or img) and<br>butterfl\$3   | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | 2004/08/04<br>11:36 |
| - | 107      | ((cycle\$1 or clock\$1 or period\$1) and<br>(708/400-409.ccls. or 708/233.ccls.)) and<br>(real or re) and (imaginary or img) and<br>butterfl\$4   | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | 2004/08/04<br>11:36 |
| - | 37       | ((cycle\$1 or clock\$1 or period\$1).ti. or<br>(cycle\$1 or clock\$1 or period\$1).clm. or<br>(cycle\$1 or clock\$1 or period\$1).ab.) and<br>(((cycle\$1 or clock\$1 or period\$1) and<br>(708/400-409.ccls. or 708/233.ccls.)) and<br>(real or re) and (imaginary or img) and<br>butterfl\$4)   | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | 2004/08/04<br>13:53 |
| - | 2        | ((cycle\$1 or clock\$1 or period\$1).ti. or<br>(cycle\$1 or clock\$1 or period\$1).clm. or<br>(cycle\$1 or clock\$1 or period\$1).ab.) and<br>(((cycle\$1 or clock\$1 or period\$1) and<br>(708/400-409.ccls. or 708/233.ccls.)) and<br>(real or re) and (imaginary or img) and<br>butterfl\$4)) and vinitzky.in.   | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | 2004/08/31<br>17:13 |
| - | 35       | ((cycle\$1 or clock\$1 or period\$1).ti. or<br>(cycle\$1 or clock\$1 or period\$1).clm. or<br>(cycle\$1 or clock\$1 or period\$1).ab.) and<br>(((cycle\$1 or clock\$1 or period\$1) and<br>(708/400-409.ccls. or 708/233.ccls.)) and<br>(real or re) and (imaginary or img) and<br>butterfl\$4)) not (((cycle\$1 or clock\$1<br>or period\$1).ti. or (cycle\$1 or clock\$1<br>or period\$1).clm. or (cycle\$1 or clock\$1<br>or period\$1).ab.) and (((cycle\$1 or<br>clock\$1 or period\$1) and<br>(708/400-409.ccls. or 708/233.ccls.)) and<br>(real or re) and (imaginary or img) and<br>butterfl\$4)) and vinitzky.in.) | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | 2004/08/04<br>11:38 |
| - | 18963677 | (two or "2") near\$5 (cycle\$1 or clock\$1<br>or period\$1)   | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | 2004/08/04<br>11:39 |

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|---|-----|---|---|---------------------|
| - | 35  | ((two or "2") near\$5 (cycle\$1 or clock\$1 or period\$1)) and (((cycle\$1 or clock\$1 or period\$1).ti. or (cycle\$1 or clock\$1 or period\$1).clm. or (cycle\$1 or clock\$1 or period\$1).ab.) and (((cycle\$1 or clock\$1 or period\$1) and (708/400-409.ccls. or 708/233.ccls.)) and (real or re) and (imaginary or img)) and butterfl\$4)) not (((cycle\$1 or clock\$1 or period\$1).ti. or (cycle\$1 or clock\$1 or period\$1).clm. or (cycle\$1 or clock\$1 or period\$1).ab.) and (((cycle\$1 or clock\$1 or period\$1) and (708/400-409.ccls. or 708/233.ccls.)) and (real or re) and (imaginary or img)) and butterfl\$4)) and vinitzky.in.))               | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | 2004/08/04<br>11:42 |
| - | 11  | ((two or "2") near\$5 (cycle\$1 or clock\$1 or period\$1)) and (((cycle\$1 or clock\$1 or period\$1).ti. or (cycle\$1 or clock\$1 or period\$1).clm. or (cycle\$1 or clock\$1 or period\$1).ab.) and (((cycle\$1 or clock\$1 or period\$1) and (708/400-409.ccls. or 708/233.ccls.)) and (real or re) and (imaginary or img)) and butterfl\$4)) not (((cycle\$1 or clock\$1 or period\$1).ti. or (cycle\$1 or clock\$1 or period\$1).clm. or (cycle\$1 or clock\$1 or period\$1).ab.) and (((cycle\$1 or clock\$1 or period\$1) and (708/400-409.ccls. or 708/233.ccls.)) and (real or re) and (imaginary or img)) and butterfl\$4)) and vinitzky.in.))) and round\$3 | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | 2004/11/02<br>16:43 |
| - | 317 | 708/404.ccls.   | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | 2004/08/04<br>13:53 |
| - | 192 | (cycle\$1 or clock\$1 or period\$1) and 708/404.ccls.   | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | 2004/08/04<br>13:53 |
| - | 78  | ((cycle\$1 or clock\$1 or period\$1).ti. or (cycle\$1 or clock\$1 or period\$1).clm. or (cycle\$1 or clock\$1 or period\$1).ab.) and 708/404.ccls.  | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | 2004/08/04<br>13:53 |
| - | 50  | ((cycle\$1 or clock\$1 or period\$1).ti. or (cycle\$1 or clock\$1 or period\$1).clm. or (cycle\$1 or clock\$1 or period\$1).ab.) and 708/404.ccls.) and ((real or re) and (imaginary or img) or butterfl\$4)  | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | 2004/08/31<br>17:12 |

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|---|----|---|---|---------------------|
| - | 42 | (((cycle\$1 or clock\$1 or period\$1).ti. or (cycle\$1 or clock\$1 or period\$1).clm. or (cycle\$1 or clock\$1 or period\$1).ab.) and 708/404.ccls.) and ((real or re) and (imaginary or img) or butterfly\$4)) not (((two or "2") near\$5 (cycle\$1 or clock\$1 or period\$1)) and (((cycle\$1 or clock\$1 or period\$1).ti. or (cycle\$1 or clock\$1 or period\$1).clm. or (cycle\$1 or clock\$1 or period\$1).ab.) and (((cycle\$1 or clock\$1 or period\$1) and (708/400-409.ccls. or 708/233.ccls.)) and (real or re) and (imaginary or img)) and butterfly\$4)) not (((cycle\$1 or clock\$1 or period\$1).ti. or (cycle\$1 or clock\$1 or period\$1).clm. or (cycle\$1 or clock\$1 or period\$1).ab.) and (((cycle\$1 or clock\$1 or period\$1) and (708/400-409.ccls. or 708/233.ccls.)) and (real or re) and (imaginary or img)) and butterfly\$4)) and vinitzky.in.))) and round\$3) | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | 2004/11/02<br>16:42 |
| - | 2  | 6625630.pn.   | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | 2004/08/31<br>17:12 |
| - | 11 | ("4811267"   "5175702"   "5179531"   "5260897"   "5301137"   "5442580"   "5522085"   "5941940"   "5987490"   "6014683"   "6138136").PN.   | USPAT   | 2004/08/31<br>17:12 |
| - | 2  | ((708/400-409.ccls. and (butterfly or butterflyed)) and (cycle\$1 or clock\$1)) and vinitzky.in.  | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | 2004/08/31<br>17:12 |
| - | 43 | (((cycle\$1 or clock\$1 or period\$1).ti. or (cycle\$1 or clock\$1 or period\$1).clm. or (cycle\$1 or clock\$1 or period\$1).ab.) and 708/404.ccls.) and ((real or re) and (imaginary or img) or butterfly\$4)) not (((two or "2") near\$5 (cycle\$1 or clock\$1 or period\$1)) and (((cycle\$1 or clock\$1 or period\$1).ti. or (cycle\$1 or clock\$1 or period\$1).clm. or (cycle\$1 or clock\$1 or period\$1).ab.) and (((cycle\$1 or clock\$1 or period\$1) and (708/400-409.ccls. or 708/233.ccls.)) and (real or re) and (imaginary or img)) and butterfly\$4)) not (((cycle\$1 or clock\$1 or period\$1).ti. or (cycle\$1 or clock\$1 or period\$1).clm. or (cycle\$1 or clock\$1 or period\$1).ab.) and (((cycle\$1 or clock\$1 or period\$1) and (708/400-409.ccls. or 708/233.ccls.)) and (real or re) and (imaginary or img)) and butterfly\$4)) and vinitzky.in.))) and round\$3) | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | 2004/08/31<br>17:14 |
| - | 51 | ((cycle\$1 or clock\$1 or period\$1).ti. or (cycle\$1 or clock\$1 or period\$1).clm. or (cycle\$1 or clock\$1 or period\$1).ab.) and 708/404.ccls.) and ((real or re) and (imaginary or img) or butterfly\$4)   | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | 2004/08/31<br>17:14 |
| - | 13 | ("4689762"   "4768159"   "4970674"   "5029079"   "5163017"   "5233551"   "5313413"   "5371696"   "5428567"   "5473556"   "5491652"   "5633817"   "5835392").PN.   | USPAT   | 2004/08/31<br>17:14 |

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|---|----|--|---|---------------------|
| - | 11 | (((two or "2") near\$5 (cycle\$1 or clock\$1 or period\$1)) and (((cycle\$1 or clock\$1 or period\$1).ti. or (cycle\$1 or clock\$1 or period\$1).clm. or (cycle\$1 or clock\$1 or period\$1).ab.) and (((cycle\$1 or clock\$1 or period\$1) and (708/400-409.ccls. or 708/233.ccls.)) and (real or re) and (imaginary or img)) and butterfl\$4)) not (((cycle\$1 or clock\$1 or period\$1).ti. or (cycle\$1 or clock\$1 or period\$1).clm. or (cycle\$1 or clock\$1 or period\$1).ab.) and (((cycle\$1 or clock\$1 or period\$1) and (708/400-409.ccls. or 708/233.ccls.)) and (real or re) and (imaginary or img)) and butterfl\$4)) and vinitzky.in.))) and round\$3 | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | 2004/08/31<br>17:14 |
| - | 2  | (((cycle\$1 or clock\$1 or period\$1).ti. or (cycle\$1 or clock\$1 or period\$1).clm. or (cycle\$1 or clock\$1 or period\$1).ab.) and (((cycle\$1 or clock\$1 or period\$1) and (708/400-409.ccls. or 708/233.ccls.)) and (real or re) and (imaginary or img)) and butterfl\$4)) and vinitzky.in.  | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | 2004/11/02<br>16:42 |